NFKB2 FISH Probe

Catalog # FA0260 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Products	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — NFKB2

Entrez GeneID	4791
Gene Name	NFKB2
Gene Alias	LYT-10, LYT10

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Gene Description	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)
Omim ID	164012
Gene Ontology	Hyperlink
Gene Summary	NFKB has been detected in numerous cell types that express cytokines, chemokines, growth factors, cell adhesion molecules, and some acute phase proteins in health and in various disease states. NFKB is activated by a wide variety of stimuli such as cytokines, oxidant-free radicals, inhaled particles, ultraviolet irradiation, and bacterial or viral products. Inappropriate activation of NF-kappa-B has been linked to inflammatory events associated with autoimmune arthritis, asthma, septic shock, lung fibrosis, glomerulonephritis, atherosclerosis, and AIDS. In contrast, complete and persistent inhibition of NF-kappa-B has been linked directly to apoptosis, inappropriate immune cell development, and delayed cell growth. For reviews, see Chen et al. (1999) [PubMed 9895331] and Baldwin (1996) [PubMed 8717528].[supplied by OMIM
Other Designations	OTTHUMP00000020371|OTTHUMP00000059136|nuclear factor of kappa light chain gene enhancer in B-cells 2|nuclear factor of kappa light polypeptide gene enhancer in B-cells 2

Pathway

- MAPK signaling pathway
- Pathways in cancer

Disease

- Alzheimer Disease
- Arthritis
- Asthma
- Atherosclerosis
- Bronchiolitis
- Calcinosis
- Cardiovascular Diseases
- Connective Tissue Diseases
- Coronary Artery Disease
- Diabetes Mellitus

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- Disease Susceptibility
- Edema
- Fetal Diseases
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Infant
- Inflammation
- Liver Cirrhosis
- Lymphoproliferative Disorders
- Multiple Myeloma
- Musculoskeletal Diseases
- Obesity
- Occupational Diseases
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Pregnancy Complications
- Premature Birth
- Puberty
- Respiratory Syncytial Virus Infections
- Skin Diseases
- Systemic Vasculitis
- Thrombophilia
- Tobacco Use Disorder
- Waldenstrom Macroglobulinemia

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- Werner syndrome

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